

Electronic Acknowledgement Receipt

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Application Number:	10801208
International Application Number:	
Confirmation Number:	2034
Title of Invention:	Methods of manufacturing semiconductor devices having a ruthenium layer via automatic layer deposition
First Named Inventor/Applicant Name:	Kwang-hee Lee
Customer Number:	20792
Filer:	D. Randal Ayers/Michele McMahan
Filer Authorized By:	D. Randal Ayers
Attorney Docket Number:	5649-1277
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Application Type:	Utility under 35 USC 111(a)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /zip	Pages (if appl.)
1		5649_1277_Amendment.pdf	310035 9fb37b50964d811c3e3f6a3fb2776958f1 3ce673	yes	10

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Amendment - After Non-Final Rejection	1	1	
Claims	2	6	
Applicant Arguments/Remarks Made in an Amendment	7	10	

Warnings:

Information:

Total Files Size (in bytes):	310035
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.